



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Conf. No. 6379

Joanne J. FILLATTI

Group Art Unit: Not Yet Assigned

Appln. No.: 10/606,772

Examiner: Not Yet Assigned

Filed: June 27, 2003

Atty. Docket: 16518.070

For: Nucleic Acid Sequences and Method of Use for the Production of Plants with Modified Polyunsaturated Fatty Acids

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The attention of the Examiner is invited to the documents listed on the attached Forms PTO/SB/08a and PTO/SB/08b. Copies of the listed documents are submitted herewith.

It is respectfully requested that the information above be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

**CERTIFICATION AND/OR FEE**

Because this Information Disclosure Statement is being submitted prior to issuance of the first action on the merits of the above-captioned application, it is believed that no fee is required. However, if it is deemed that fees are required for filing this Information Disclosure Statement, authorization to charge counsel's deposit account is given in the accompanying transmittal letter.

Respectfully submitted,

David R. Marsh (Reg. Attorney No. 41,408)  
Lisa A. Penoyer (Reg. Agent No. 51,204)  
Thomas E. Holsten (Reg. Agent. No. 46,098)

Date: December 12, 2003

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Substitute for form 1449A/PTO



# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/606,772
Filing Date	June 27, 2003
First Named Inventor	Joanne J. FILLATTI
Art Unit	To Be Assigned
Examiner Name	To Be Assigned
Attorney Docket Number	16518.070

Sheet	1	of	3
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**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	A1	US- 5,850,026	12-15-1998	DeBONTI <i>et al.</i>	
	B1	US-			
	C1	US-			
	D1	US-			
	E1	US-			
	F1	US-			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	G1	WO 93/11245 A1	06-10-1993	E.I. du Pont de Nemours & Co.		
	H1	WO 94/11516 A1	05-26-1994	E.I. du Pont de Nemours & Co.		
	I1	WO 98/30083 A1	07-16-1998	The Regents of the University of California		
	J1					
	K1					
	L1					
	M1					
	N1					

Examiner  
SignatureDate  
Considered

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Sheet

2

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3

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Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	A2	CARTEA <i>et al.</i> , "Comparison of Sense and Antisense Methodologies for Modifying the Fatty Acid Composition of Arabidopsis Thaliana Oilseed," <i>Plant Science</i> , 136:181-194 (1998)	
	B2	CLARK-WALKER <i>et al.</i> , "Location of Transcriptional Control Signals and Transfer RNA Sequences in <i>Torulopsis-Glabrata</i> Mitochondrial DNA," <i>EMBO Journal</i> , 4(2):465-473 (1985)	
	C2	EMBL/Genbank, AC AL069706, "Drosophila melanogaster genome survey sequence T7 end of BAC: BACR29B23 of RPCI-98 library from Drosophila melanogaster (fruit fly)," Abst. (05-29-99)	
	D2	EMBL/Genbank, AC AL071390, "Drosophila melanogaster genome survey sequence TET3 end of BAC: BACR32M05," Abst. (05-29-99)	
	E2	EMBL/Genbank, AC AL105179, "Drosophila melanogaster genome survey sequence T7 end of BAC: BACN13A12 of DrosBAC library from Drosophila melanogaster (fruit fly)," Abst. (07-26-99)	
	F2	EMBL/Genbank, AC AL108811, "Drosophila melanogaster genome survey sequence SP6 end of BAC: BACN37D10 of DrosBAC library from Drosophila malanogaster (fruit fly)," Abst. (07-26-99)	
	G2	EMBL/Genbank, AC AL063932, "Drosophila melanogaster genome survey sequence TET3 end of BAC: BACR08010 of RPCI-98 library from Drosophila melanogaster (fruit fly)," Abst. (05-29-99)	
	H2	EMBL/Genbank, AC AC004705, "Arabidopsis thaliana chromosome II section 85 of 255 of the complete sequence. Sequence from clones F26C24, T26I20," Abst. (05-21-98)	
	I2	EMBL/Genbank, AC AB0222220, "Arabidopsis thaliana genomic DNA, chromosome 3, P1 clone: MLN21, Abst. (01-15-99)	
	J2	EMBL/Genbank, AC AB026636, "Arabidopsis thaliana genomic DNA, chromosome 3, TAC clone: K14A17," Abst. (05-07-99)	

Examiner Signature		Date Considered	
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	A3	EMBL/Genbank, AC AW397948, "sg70c08.y1 Gm-c1007 Glycine max cDNA clone Genome Systems Clone ID: Gm-c1007-1767 5' similar to SW:FD61-SOYBN P48630 Omega-6 Fatty Acid Desaturase, Endoplasmic Reticulum Isozyme 1; mRNA sequence," Abst. (02-08-00)	
	B3	EMBL/Genbank, AC AL161581, "Arabidopsis thaliana DNA chromosome 4, contig fragment No. 77," Abst. (03-16-00)	
	C3	International Search Report, International Application No. PCT/US00/22613, 5 pages (mailed 04-26-01)	
	D3	LEWIN, "How did interrupted genes evolve," <i>Genes</i> , 2 <sup>nd</sup> ed., John Wiley & Sons, New York, pp. 333-387 (1983)	
	E3	OKULEY <i>et al.</i> , "Arabidopsis FAD2 Gene Encodes the Enzyme that is Essential for Polyunsaturated Lipid Synthesis," <i>The Plant Cell</i> , 6:147-158 (Jan. 1994)	
	F3	LIU, Thesis, University of Sydney, Australia, pp. ii-iv, 24-26, 121-123, 142, 167, 168, 172-174, 179-181 (March 1998)	

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